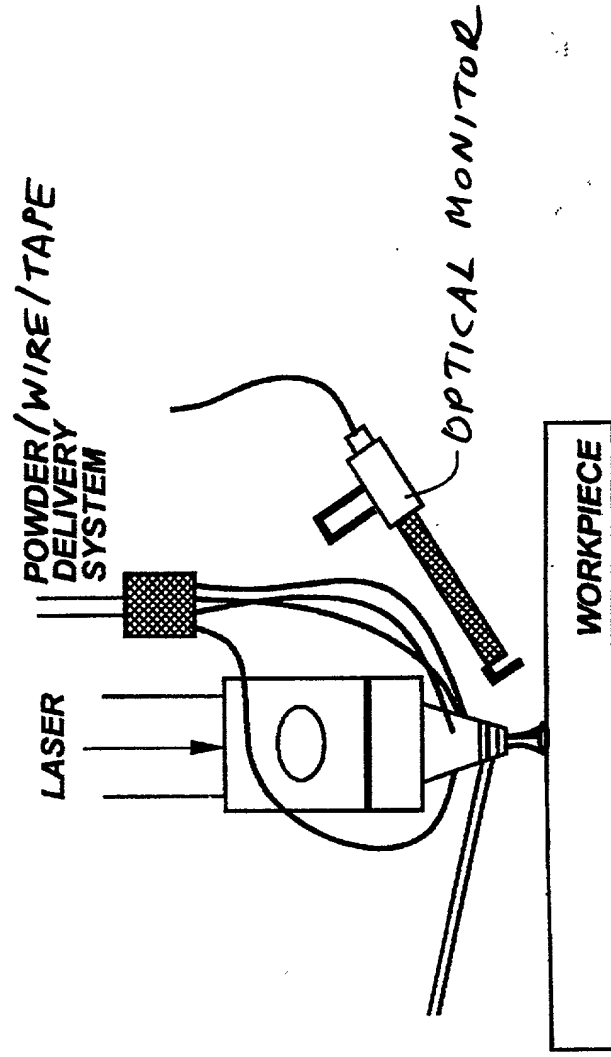


Figure - 1

**Figure - 2**



208220-9607660

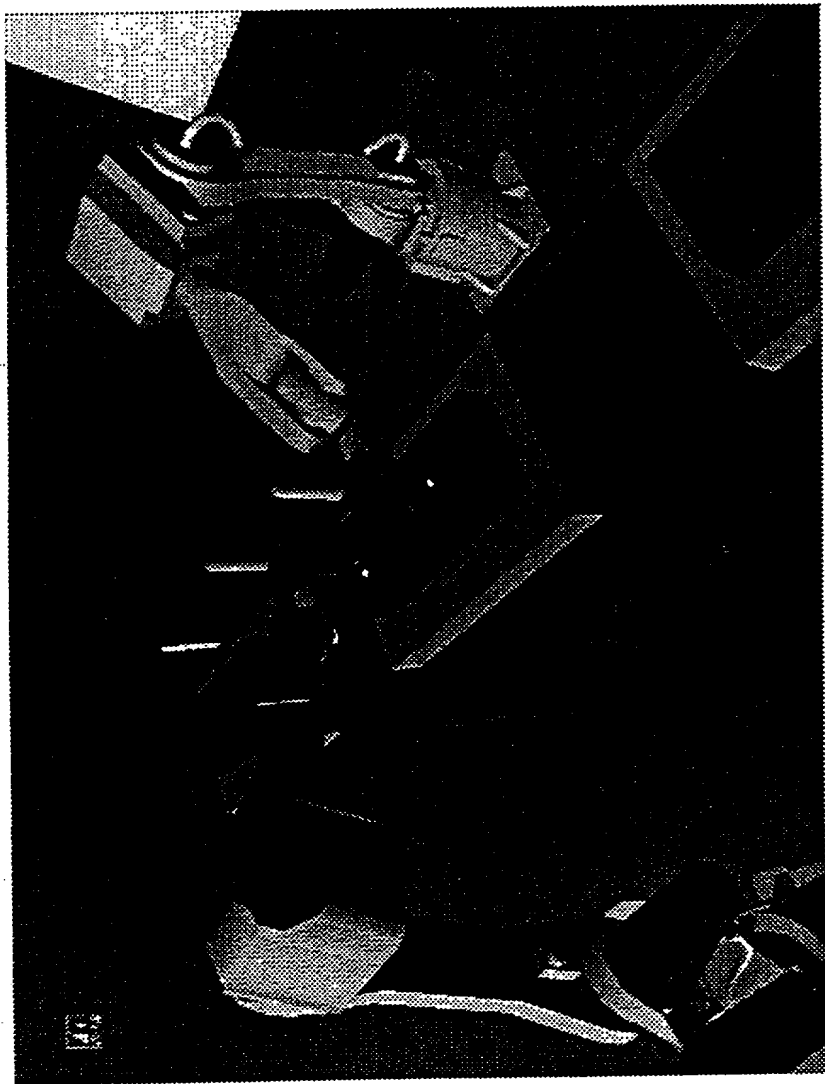


FIGURE 3

0943096-02302

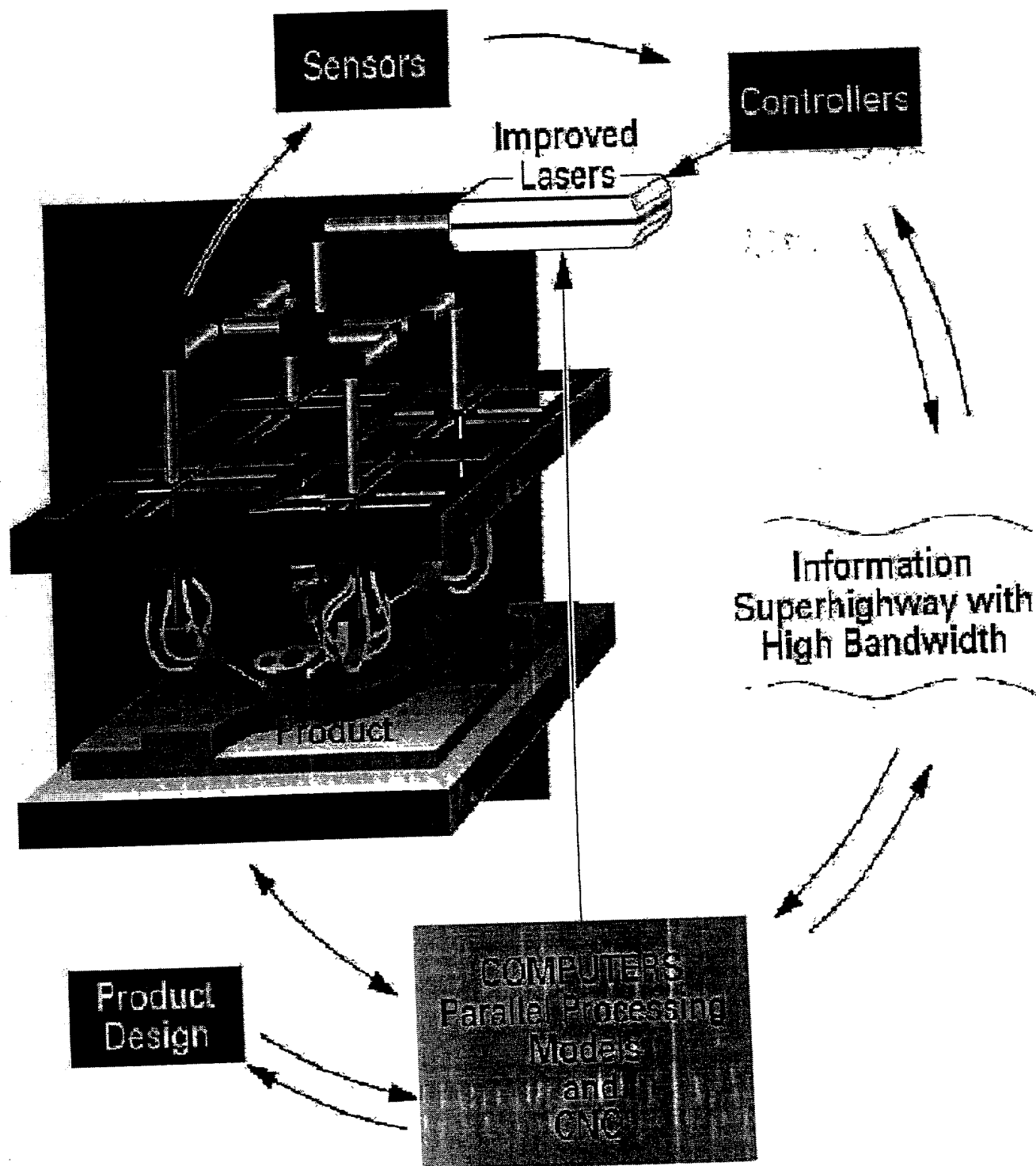


FIGURE 4

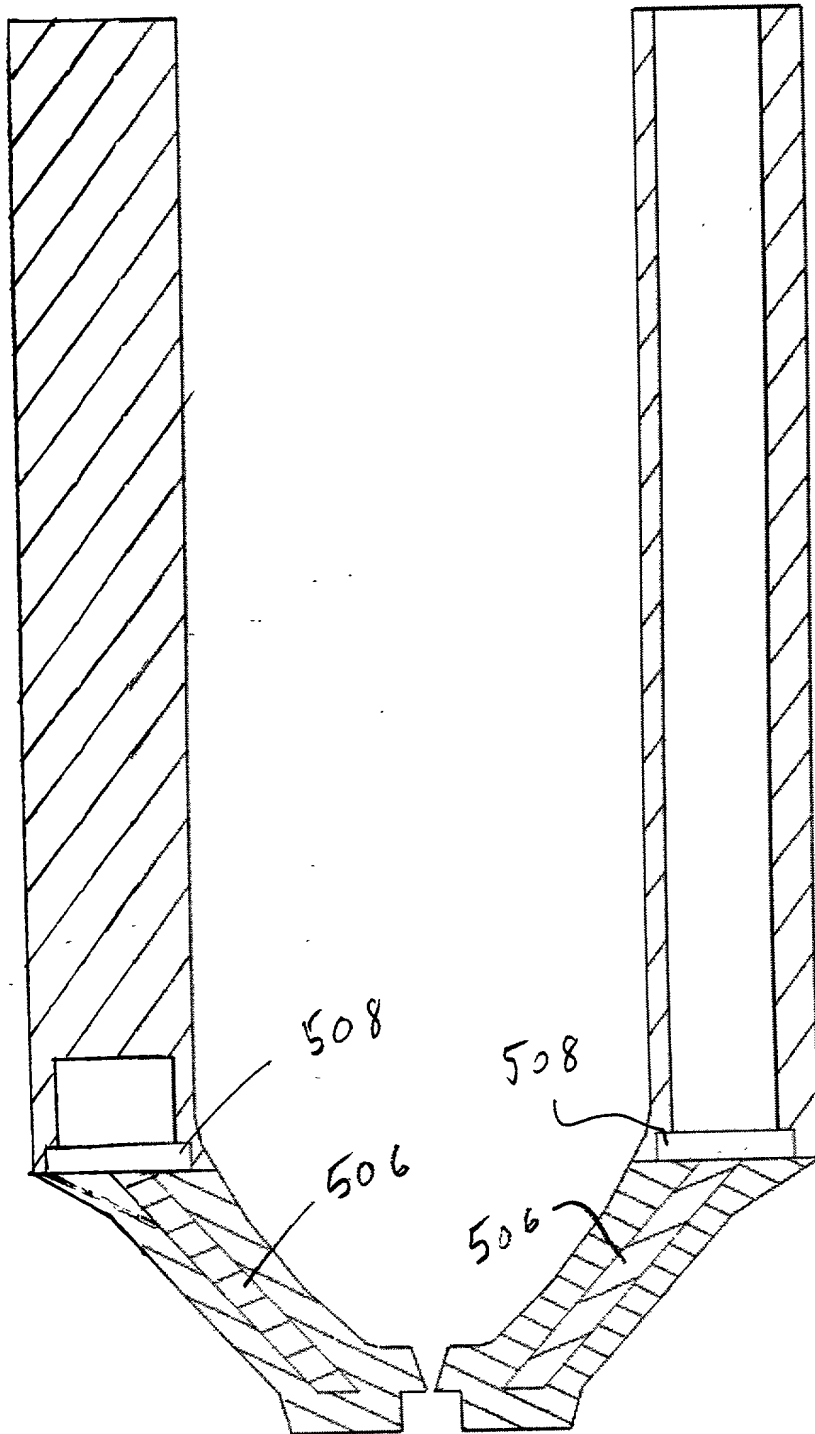


FIGURE 5A

H137

(Cu)

H13

Fig-5A

Fig-5A

FIGURE 5B

Conventional  
Drilled Cooling  
Channels  
(DCC)



**FIGURE 6A**

Conformal  
Cooling  
Channels  
(CCC)



Re-design of actual  
automotive fuse box cover  
to reduce molding cycle  
times using CoolMold  
Technology

**FIGURE 6B**

208220-9602T660

# Comparative Analysis - Core Heating Time [70 deg.F - 350 deg.F]

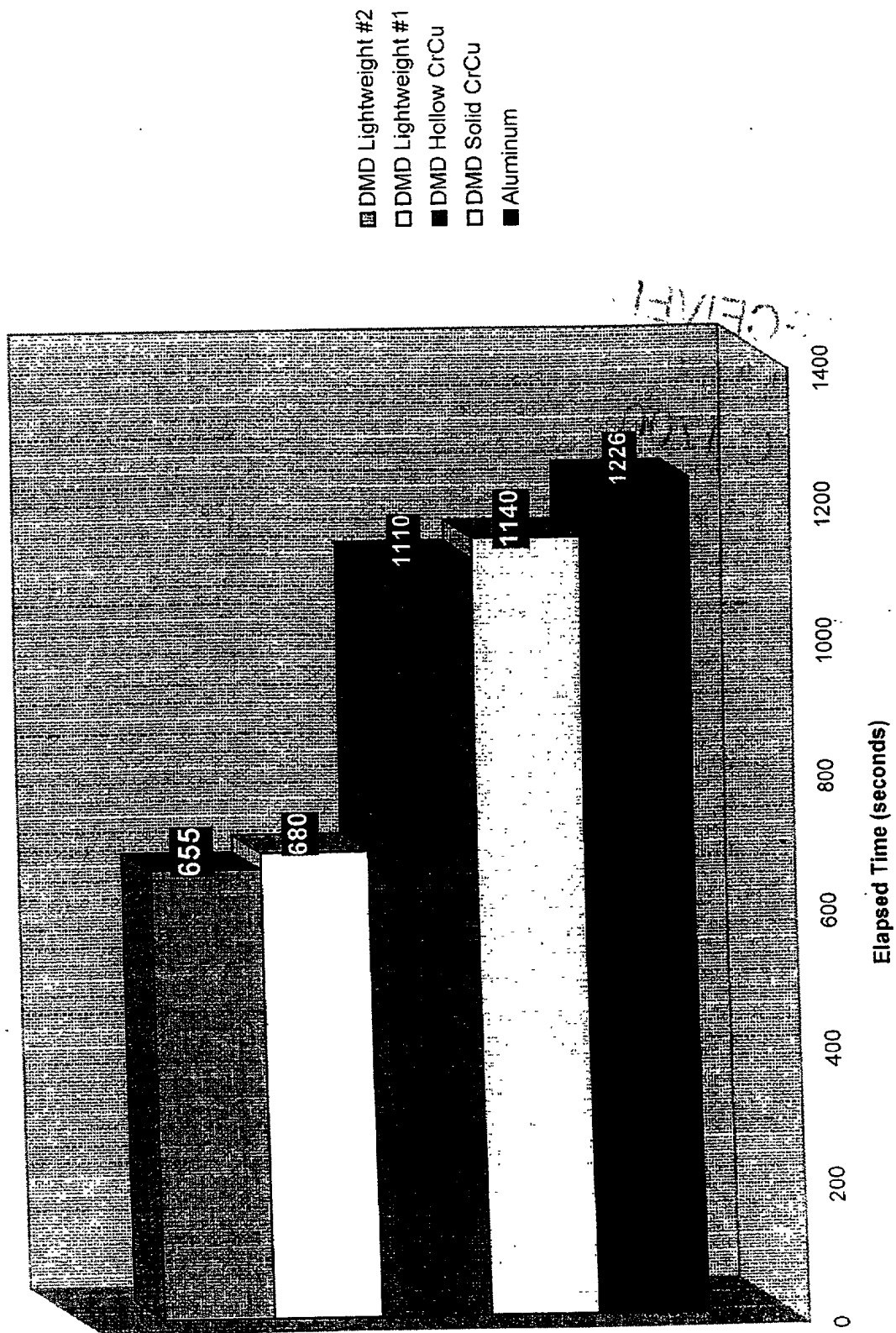


FIGURE 7



208220" 960CT660

# Comparative Analysis - Cavity Heating Time [70 deg.F - 350 deg.F]

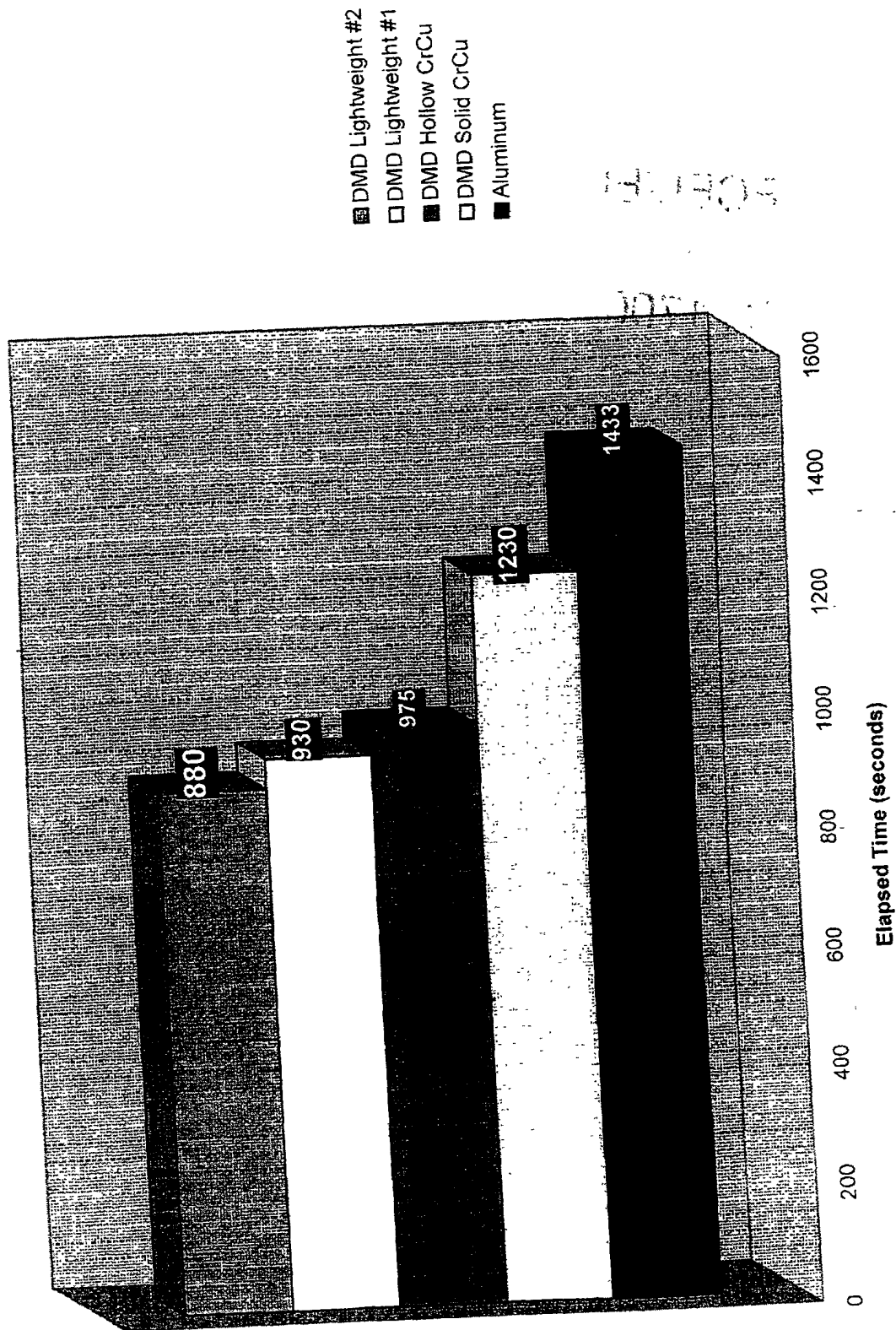


FIGURE 8

208220" 95021660

# TEST 2-1 [DMD Hollow vs. Aluminum]

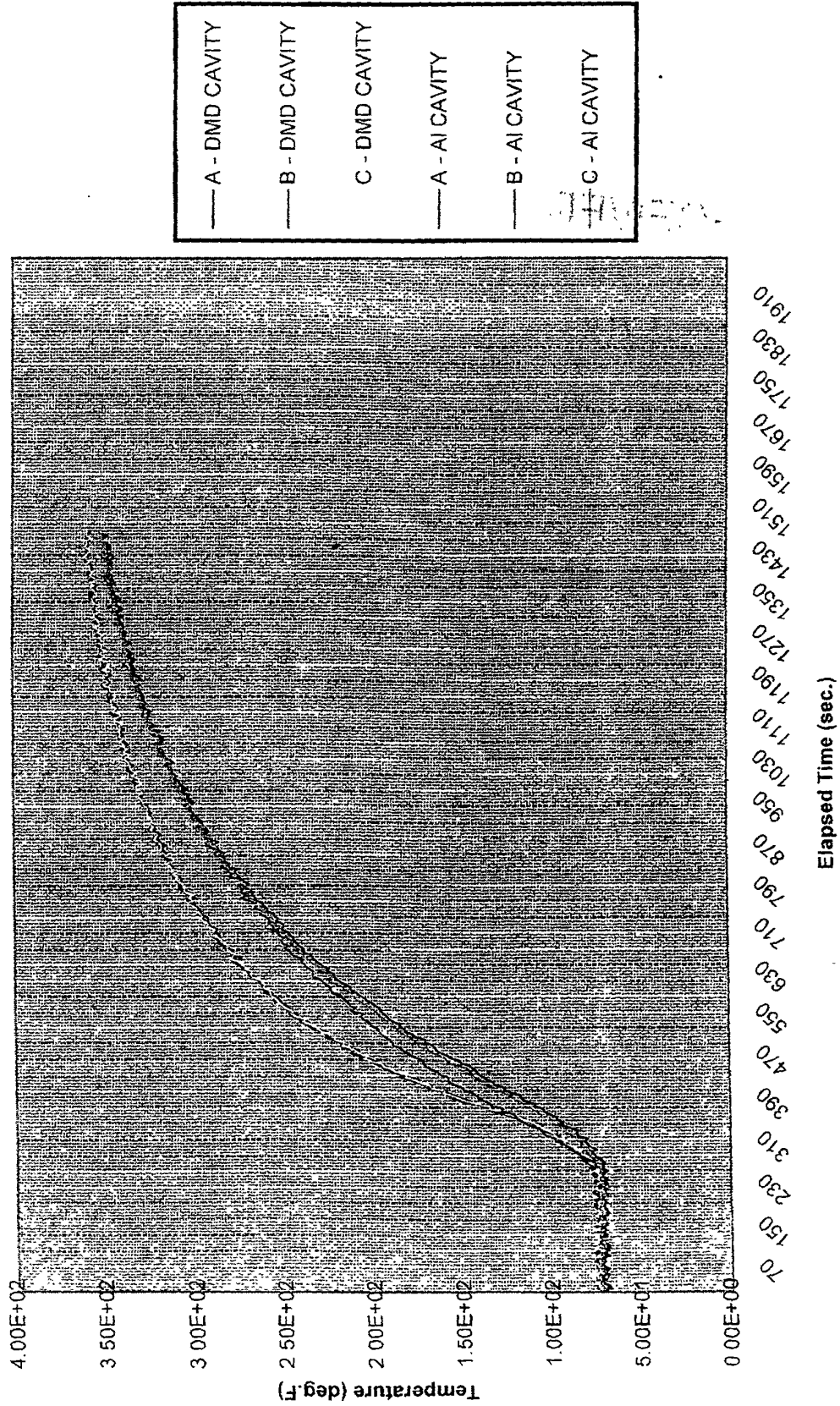


FIGURE 9

208220" 9604T660

# TEST 2-1 [DMD Hollow vs. Aluminum]

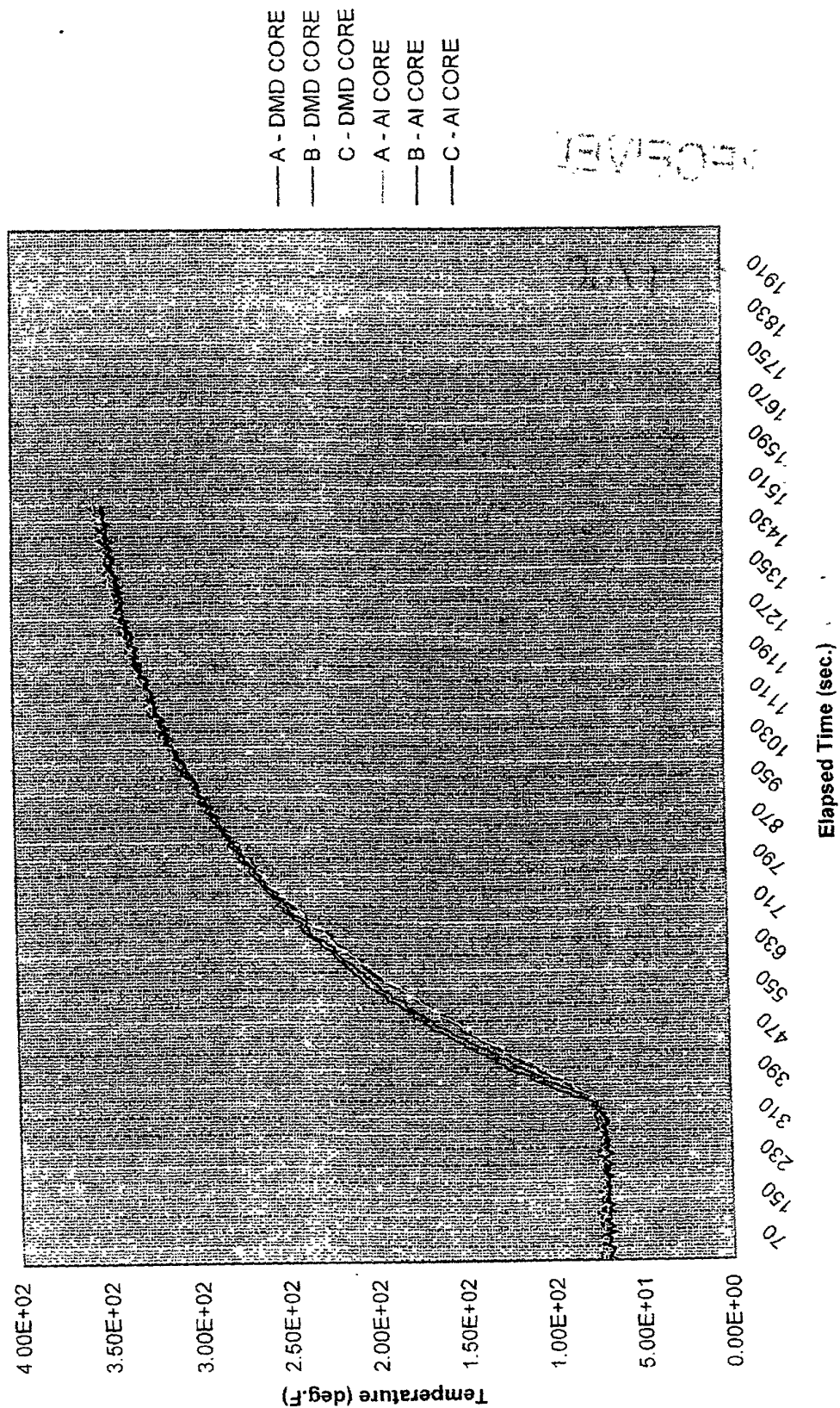


FIGURE 10

208220-9602T660

TEST 3-2 [DMD Light Wt.#1 vs. Aluminum]

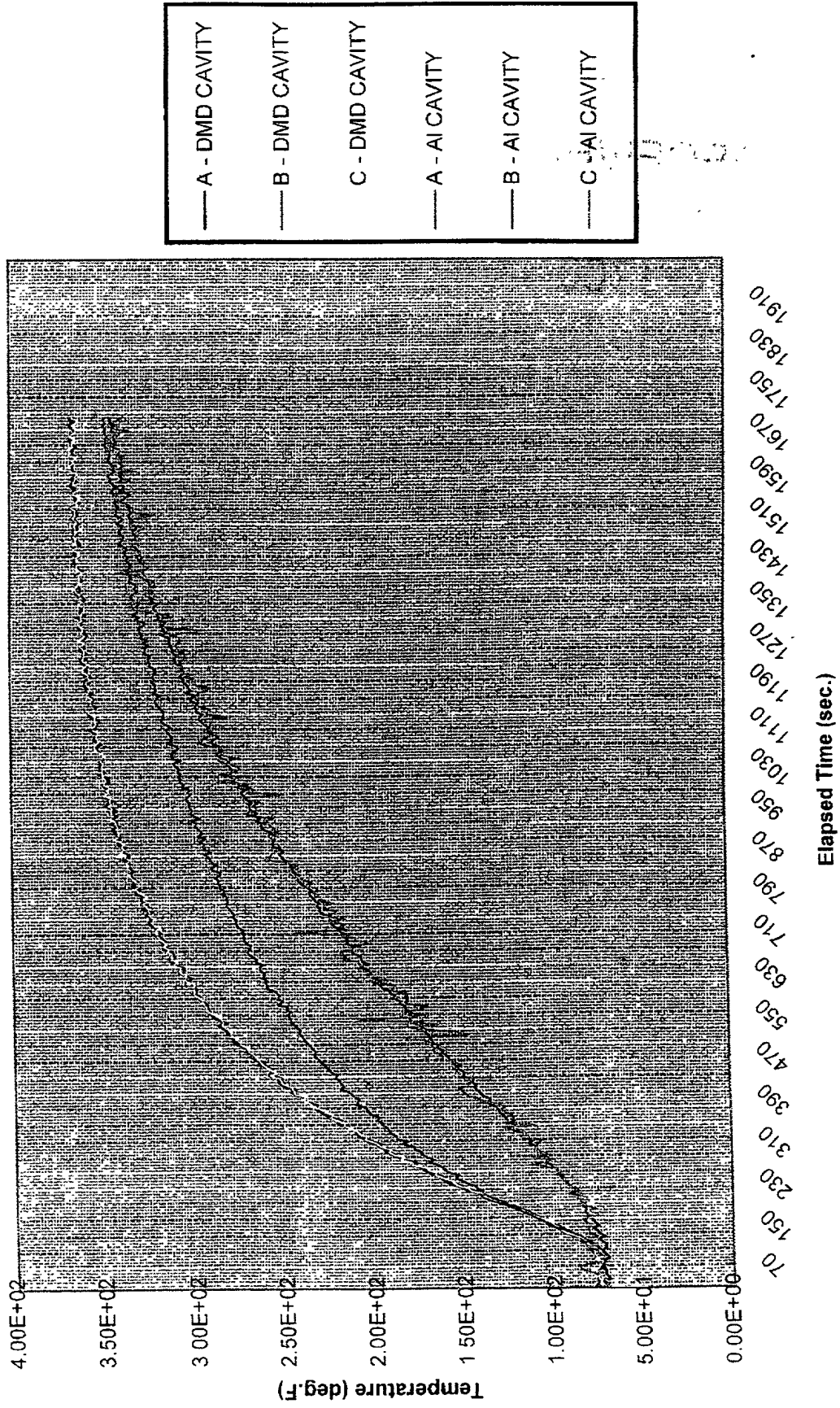


FIGURE 11



208220" 9604T660

TEST 3-2 [DMD Light Wt.#1 vs. Aluminum]

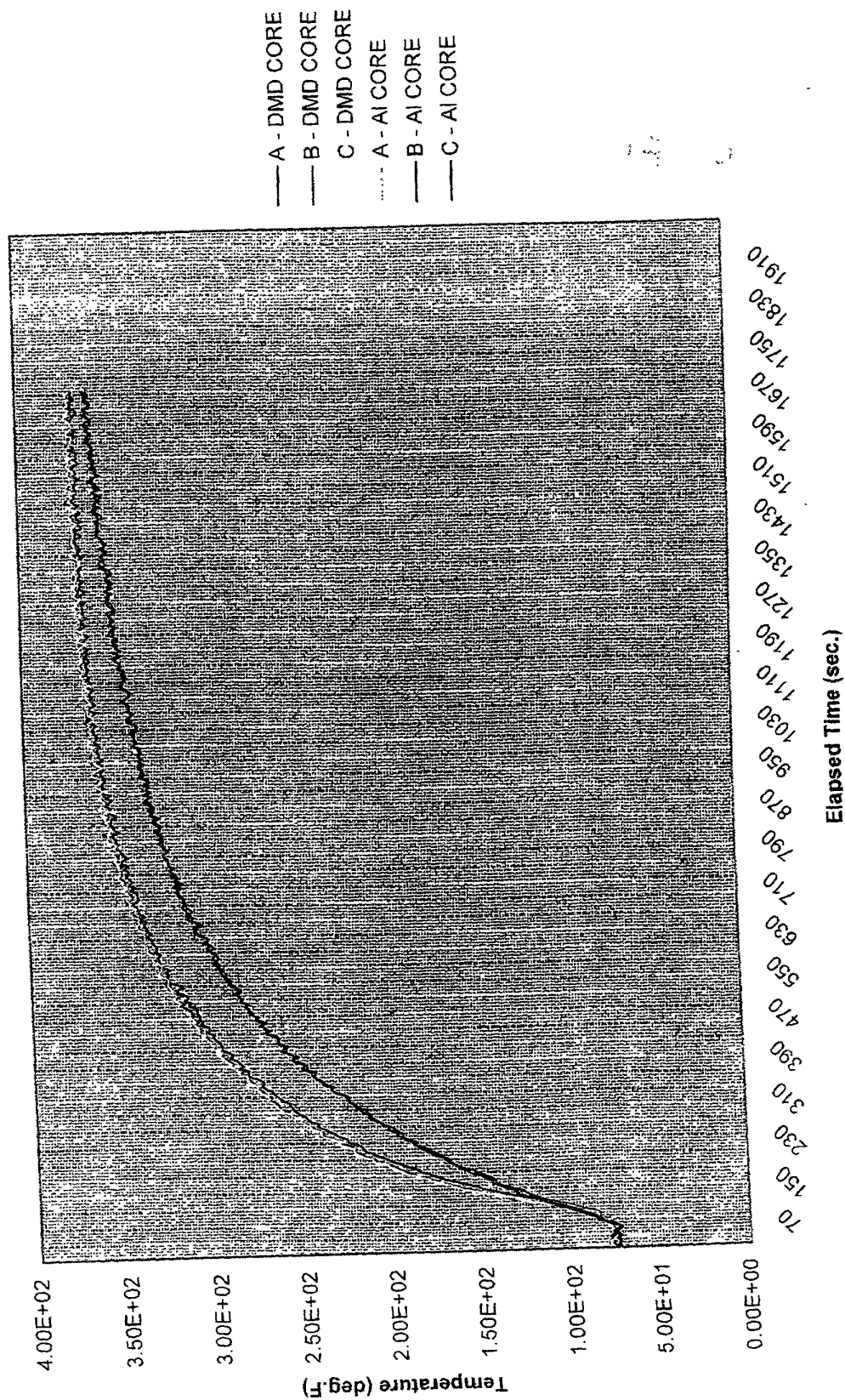


FIGURE 12

208220" 960/F660

TEST 4-2 [DMD Light Wt.#2 vs. Aluminum]

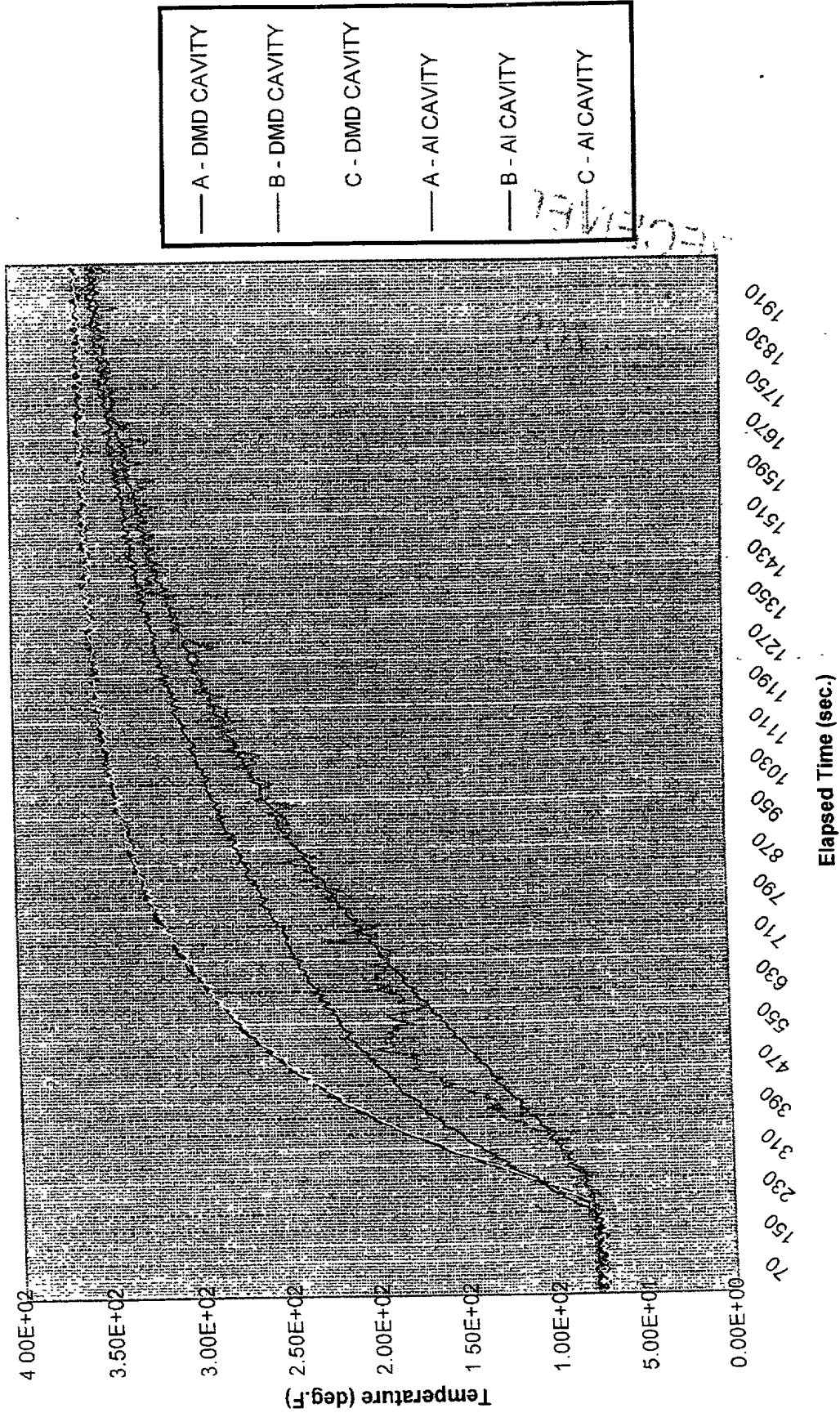


FIGURE 13

208220" 960/1660

TEST 4-2 [DMD Light Wt.#2 vs. Aluminum]

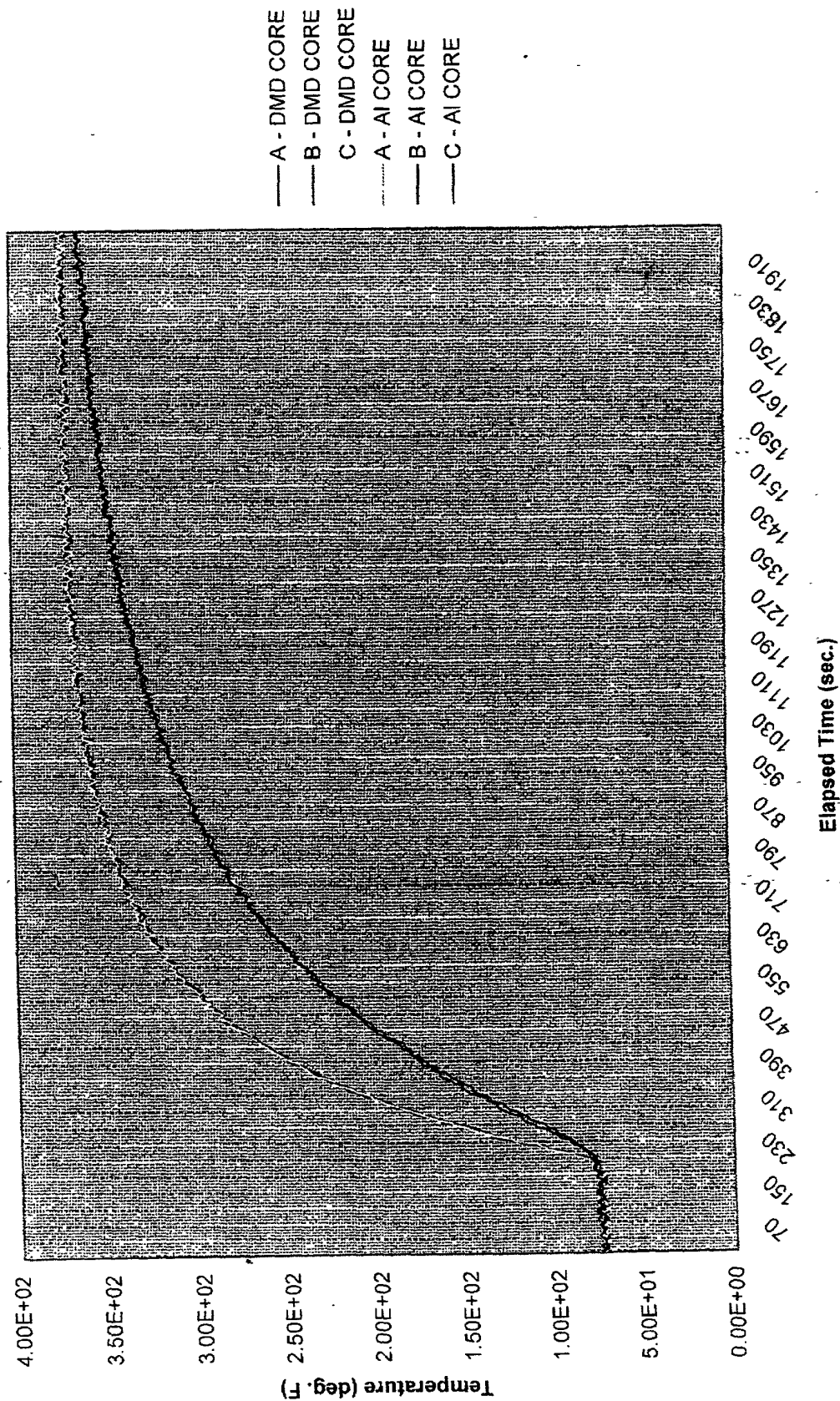


FIGURE 14